

### **Alfa Laval Wins \$ 12 Million Order for DOE-Funded U.S. Carbon Capture and Sequestration Project**

Alfa Laval has received a \$ 12 million order for heat exchangers for the world's first full-scale Integrated Gasification Combined Cycle process for power generation with carbon capture. When delivered in 2012, Alfa Laval heat exchangers will be used in a gas treatment process of a U.S. IGCC power generation plant. The DOE-funded project will include a state of the art gasification facility with a capacity of more than 500 MW and an integrated carbon capture facility. The gasification process breaks down coal into synthesis gas, which is purified and used to fuel the plant, 99% of the sulphur dioxide is removed – and up to 65% carbon dioxide captured.

### **ABB Expands in U.S. Wind, Rail and Electric Vehicle Charging**

Power and automation technology group ABB is acquiring Baldor Electric Company, a U.S. business in industrial motors in a deal valued at approximately \$4.2 billion, including \$1.1 billion of net debt. ABB says the acquisition will enable it to tap the huge potential in North America for rail and wind investments. In a separate deal in order to enter North America's electric vehicle charging market, ABB invested \$10 million in San Francisco-based ECOtality, a clean electric transportation and storage technologies company. ECOtality will use the investment to foster expansion and finance initial requirements of the EV Project, to develop electric vehicle infrastructures in 16 major U.S. cities funded by a \$115 million grant from DOE.

### **IKEA-U.S. Continues to Model Environmental Sustainability**

To celebrate a successful year, and encourage sustainable transport, IKEA-U.S. gave new bikes to all 12,400 U.S. employees. Separately, two IKEA stores in Paramus, New Jersey and Stoughton, Massachusetts announced plans to install solar energy panels. Pending government permits, installation should be completed in Spring 2011, and will be the largest store-top solar installations among the 13 at IKEA stores in the United States. IKEA –U.S. is also phasing out incandescent light bulbs ahead The Energy Independence and Security Act of 2007 that will phase out incandescent bulbs by 2012-14. As of January 4, 2011, IKEA-U.S. stores no longer stock or sell incandescent bulbs.

### **Denver Company to Acquire Swedish Clean Tech/High Tech Östergrens**

In an \$8.3 million deal, Denver-based Allied Motion Technologies acquired Östergrens Elmotor AB, headquartered in Stockholm, manufacturing in Sweden and China. Östergrens has expertise in designing drive electronics, software and mechanical processes for motion control products such as motors and gears used in a variety of industrial, commercial and medical applications, including for green technology alternative energy and electric vehicles, medical instrumentation and test equipment.

### **Electrolux Creating 1,200 Jobs in Memphis; New Plant to be Meet LEED Standards**

Electrolux, the largest manufacturer of major cooking appliances sold in the U.S. and Canada, plans to invest more than \$190 million to locate its North American Cooking Products Manufacturing Center in Memphis, TN. If local approvals are obtained, construction is scheduled to begin in early 2011. The facility will employ more than 1,200 people. The plant will be designed and constructed for LEED certification.

### **Record Reduction in Swedish Emissions**

In 2009, Swedish greenhouse gas emissions fell over 3.5 million tons, the largest reduction in any single year to date. Sweden's total emissions have dropped by around 17 % since 1990, and levels have never been lower.

If you have comments, questions or suggestions please email [sagastory@gmail.com](mailto:sagastory@gmail.com).



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